

Notice of Allowability

Application No.

10/535,654

Examiner

Chuc D. Tran

Applicant(s)

FURUHI ET AL.

Art Unit

2821

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to March 13, 2007.
2. ☒ The allowed claim(s) is/are 2-4,6-11 and 15-17.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

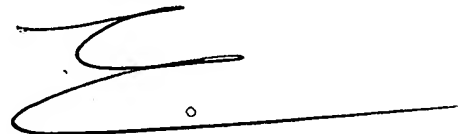
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date 5/19/05
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____.
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____



DETAILED ACTION

Drawings

1. The drawings were received on May 19, 2005. These drawings are accepted.

Allowable Subject Matter

2. Claims 2-4, 6-11, 15-17 are allowed.
3. The following is an examiner's statement of reasons for allowance:

Prior art fails to disclose or suggest in combination with the remaining claimed limitation: a plurality of primary radiators for radiating an electromagnetic wave for excitation to the resonance element array or for receiving an electromagnetic wave radiated from the resonance element array, each of the plurality of primary radiators being allocated to a respective portion of the plurality of resonance elements; and a lens or reflector collimator disposed such that the position of the resonance element array is substantially a focus plane in claim 2, claims 3, 8-11 and 15-17 are allowed since they are dependent on claim 2.

Prior art fails to disclose or suggest in combination with the remaining claimed limitation: a plurality of primary radiators for radiating an electromagnetic wave for excitation to the resonance element array or for receiving an electromagnetic wave radiated from the resonance element array, each of the plurality of primary radiators being allocated to a respective portion of the plurality of resonance elements; and a lens or reflector collimator disposed such that the position of the resonance element array is substantially a focus plane, wherein the plurality of primary radiators are arranged so that a radiation position to the resonance element array is optimized or a position for receiving the electromagnetic wave radiated from the resonance element array is optimized in claim 4.

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Prior art fails to disclose or suggest in combination with the remaining claimed limitation: a plurality of primary radiators for radiating an electromagnetic wave for excitation to the resonance element array or for receiving an electromagnetic wave radiated from the resonance element array, each of the plurality of primary radiators, being allocated to a respective portion of the plurality of resonance elements; and a lens or reflector collimator disposed such that the position of the resonance element array is substantially a focus plane, wherein the plurality of resonance elements comprise linear conductors extending substantially perpendicular to an arrangement direction thereof and parallel to each other in claim 6.

Prior art fails to disclose or suggest in combination with the remaining claimed limitation: a plurality of primary radiators for radiating an electromagnetic wave for excitation to the resonance element array or for receiving an electromagnetic wave, radiated from the resonance element array, each of the plurality of primary radiators being allocated to a respective portion of the plurality of resonance elements; and a lens or reflector collimator disposed such that the position of the resonance element array is substantially a focus plane, wherein the plurality of resonance elements comprise linear conductors arranged substantially at a 45 degree angle relative to an arrangement direction thereof and parallel to each other in claim 7.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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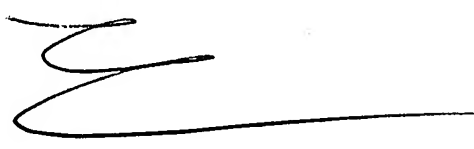
Inquiry

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Chuc D. Tran whose telephone number is (571) 272-1829. The examiner can normally be reached on M-F Flex hours.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Douglas W. Owens can be reached on (571) 272-1662. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

TC
March 27, 2007



THO PHAN
PRIMARY EXAMINER